

Atty. Docket No. YOR920000168US1  
(590.014)

**Amendments to the Specification:**

Please replace Equation 1 on Page 8 with the following equation:

$$S(U|M) = \frac{1}{T} \sum_{i=1}^L a_i \cdot \sum_{r=1}^T P(u_r | M(i, j(i, r)))$$